BRUHAT BANGALORE MAHANAGARA PALIKE

Office of the Executive Engineer, (Project) Rajarajeshwari Nagara Zone, B.B.M.P., Bangalore.

Tender Notification No: BBMP/EE/Proj/RRN/TEN/01/2019-20, Date: 25.04.2019

Indet No: BBMP/2019-20/BD/WORK_INDENT35374

SCHEDULE -B

Name of Work:-Renovation and additional construction of RR nagar constituency MLA office, BBMP RR Nagar Division Executive engineer and Yeshwanthapura Sub Division Assistant Executive engineer office behind Chowdeshwari Bus stop, J.P Park and construction of compound wall in front of J .P Park in Ward no.17

Sl.No	Description of work	Unit	Qty	Rate (Rs.)	In Words (Rs.)
1	2	3	4	5	6
1	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications	Sqm	42.80	464.00	Rupees Four Hundred Sixty Four Only
2	Dismantling expanded metal or IRC fabric with weld mesh necessary battens and beading etc., including stacking the serviceable materials within 50 m lead. including cost of materials, labour, HOM complete as per specifications	Cum	1237.50	46.00	Rupees Forty Six Only
3	Dismantling plastering and removing the debris with a lead upto 200m.including cost of materials , labour, HOM complete as per specification.	Cum	554.40	29.00	Rupees Twenty Nine Only
4	Dismantling burnt brick masonry in clay mortar/lime mortar/cement mortar and stacking the bricks within a radius of 50m and removing the debris to a distance upto 200m.	Cum	15.00	194.00	Rupees One Hundred Ninety Four Only
5	Dismantling cement concrete flooring or plain cement concrete work including removing and conveying the debris to distance upto 200m (within average thickness of 15 cms).	Cum	263.00	68.00	Rupees Sixty Eight Only
6	Removing of existing old or broken Water closet Indian / Eurpoean and disposing it with all cost and conveyance labour for all items of work, HOM of equipment with all lead and lift, loading and unloading, transportation charges and all other incidental charges etc., complete as per specification	Cum	2.00	232.00	Rupees Two Hundred Thirty Two Only
7	Dismantling the tile work in floor and roof laid in cement or surki mortar including stacking the materials with in 50 m lead of tiles thickness 10mm to 25mm	Cum	431.00	38.00	Rupees Thirty Eight Only
8	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications v) Steel work in all types of Sections upto a Height of 5 m above plinth level excluding Cutting of Rivet. – A. Including dismembering."	Cum	6.00	1493.00	Rupees One Thousand Four Hundred Ninety Three Only

M. Lakshmi

Sl.No	Description of work	Unit	Qty	Rate (Rs.)	In Words (Rs.)
1	2	3	4	5	6
9	. Dismantling of guard rails by manual means and disposal of dismantled materials with all lifts and stacking serviceable materials and unserviceable materials seperately complete as per specifications.	Sqmt	60.00	75.00	Rupees Seventy Five Only
10	Earth work for lowering & levelling the ground other than foundation works by Mechanical means upto 3.0 mt depth including providing shoring stutting and bracing , removal of stumps and other and other deleterious matter, dressing of sides and bottom, filling back the excavated earth to the extent required and utilising /transporting the remaining earth upto 1.00km lead. including cost of labour, materials and HOM of machineries etc., complete.	Cum	168.00	84.00	Rupees Eighty Four Only
11	KSRB -2-2.1 : Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. after breaking of clods complete as per specifications.	Cum	1012.19	235.00	Rupees Two Hundred Thirty Five Only
12	Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density	Cum	248.00	375.00	Rupees Three Hundred Seventy Five Only
13	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	130.40	6266.00	Rupees Six Thousand Two Hundred Sixty Six Only
14	KSRB 4-1.6 : Providing and laying in position plain cement concrete of mix M15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggergates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specification.	Cum	28.20	6757.00	Rupees Six Thousand Seven Hundred Fifty Seven Only

Signature of the contractor

Executive Engineer
(Project)

	Description of work	Unit	Qty	Rate (Rs.)	In Words (Rs.)
2		3	4	5	6
15	Providing & laying IN POSITION REINFORCED CEMENT CONCRETE of design mix M25 with OPC cement @ 340 Kgs with down size graded grinite metel coarse aggregates @ 0.70 Cum & fine aggregates @ 0.47 Cum with super plastisiser @ 3.0 Ltrs confirming to IS 9103-1999, re affirmed - 2008, Maichine mixed, concrete laid in layers not exeeceding 15cms thick, vibrated for all works in foundation ,Plinth,& Ground floor Level for Roof Slab, Staircase, Lintels, Retaining Wall, Pires, Abutments, Pillers, Posts, Struts, Butteress, String or Lasing Corsess, Prapeets Copings, Bed Blocks, anchor blocks, plain windows cills, filliets, etc including cost of all materials, laobur HOM of machinary, curing complete as per specification. -Ground Floor	Cum	712.30	7725.00	Rupees Seven Thousand Seven Hundred Twenty Five Only
16	Providing & laying IN POSITION REINFORCED CEMENT CONCRETE of design mix M25 with OPC cement @ 340 Kgs with down size graded grinite metel coarse aggregates @ 0.70 Cum & fine aggregates @ 0.47 Cum with super plastisiser @ 3.0 Ltrs confirming to IS 9103-1999, re affirmed - 2008, Maichine mixed, concrete laid in layers not exeeceding 15cms thick, vibrated for all works in foundation ,Plinth,& Ground floor Level for Roof Slab, Staircase, Lintels, Retaining Wall, Pires, Abutments, Pillers, Posts, Struts, Butteress, String or Lasing Corsess, Prapeets Copings, Bed Blocks, anchor blocks, plain windows cills, filliets, etc including cost of all materials, laobur HOM of machinary, curing complete as per specification. -First Floor	Cum	48.00	7787.00	Rupees Seven Thousand Seven Hundred Eighty Seven Only
17	Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for Foundation , footing , bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 -	Cum	464.50	287.00	Rupees Two Hundred Eighty Seven Only
18	Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for sides & soffits of beams, beam hauncing cantilever girders, bressumers & lintels & not exceeding 1.0 in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 - Ground Floor	Cum	1099.70	318.00	Rupees Three Hundred Eighteen Only
19	Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for sides & soffits of beams, beam hauncing cantilever girders, bressumers & lintels & not exceeding 1.0 in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 - First Floor	Cum	237.00	324.00	Rupees Three Hundred Twenty Four Only

Executive Engineer

Sl.No	Description of work	Unit	Qty	Rate (Rs.)	In Words
1	2	3	4	5	6
20	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sloping or battering surface including folded plates where inclination to horizontal plane does not exceed 30 degree requiring shuttering only on the under side including cost of all materials, labour complete as per specifications.	Cum	774.55	524.00	Rupees Five Hundred Twenty Four Only
21	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification upto 3.5 m from Ground leve	Cum	25.00	389.00	Rupees Three Hundred Eighty Nine Only
22	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification upto 3.5 m from Ground level - 0-5m	Sqm	165.00	683.00	Rupees Six Hundred Eighty Three Only
23	Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 - Ground Floor	Sqm	459.70	454.00	Rupees Four Hundred Fifty Four Only
24	Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 -First Floor	Sqm	50.00	461.00	Rupees Four Hundred Sixty One Only
25	Providing and laying in position reinforced cement cocnrete of design mix M20 with OPC cement @ 27.20 Kgs with 12mm & down sizes graded grantie metal coarse aggregated @ 0.5865 cum & fine aggregates, @ 0.391 Cum with super super plastisiser @ 0.225 Ltrs maichine mixed well compacted plain chajja 8.50 Cms avg thickness, up to ground floor level including removing centering, shuttering, strutting, propping etc., and removal of form work for cost of all materials, laobur HOM of machinary, curing complete as per specification -	Sqm	15.00	638.00	Rupees Six Hundred Thirty Eight Only
26	Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels of all shapes & sizes, at all elevations & heights -Ground Floor	Sqm	14.00	335.00	Rupees Three Hundred Thirty Five Only

Signature of the contractor

Executive Engineer

Sl.No	Description of work	Unit	Qty	Rate (Rs.)	In Words (Rs.)
1	2	3	4	5	6
27	Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels of all shapes & sizes, at all elevations & heights -First Floor	Sqm	5.00	341.00	Rupees Three Hundred Forty One Only
28	Providing and removing centring, shuttering, strutting, proping etc., and removal of form work for stairs (excluding landing) except spiral staircase including cost of all materials,labour complete as per specification and directed by the Engineer in Charge -	Sqm	14.00	590.00	Rupees Five Hundred Ninety Only
29	Providing TMT Steel reinforcement for RCC works including straightening, cutting, bending, hooking, placing in position lapping and / or welding wherever required, tieng with binding wire and anchoring to the adjoining members wherever necessary, complete as per design (laps, hooks and wastage shall not be measured and paid) cost of all materials, labour, HOM of machineries etc., complete as per specifications. Specification No.KBS 4.6.3. FOR TMT Bars Fe- 500 -Ground Floor	Sqm	61.74	75261.00	Rupees Seventy Five Thousand Two Hundred Sixty One Only
30	Providing TMT Steel reinforcement for RCC works including straightening, cutting, bending, hooking, placing in position lapping and / or welding wherever required, tieng with binding wire and anchoring to the adjoining members wherever necessary, complete as per design (laps, hooks and wastage shall not be measured and paid) cost of all materials, labour, HOM of machineries etc., complete as per specifications. Specification No.KBS 4.6.3. FOR TMT Bars Fe- 500 -First Floor	Sqm	6.60	75847.00	Rupees Seventy Five Thousand Eight Hundred Forty Seven Only
31	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13	Sqm	167.08	2166.00	Rupees Two Thousand One Hundred Sixty Six Only
32	Providing and constructing burnt brick masonry with approved quality of modular bricks of standard size of class designation 5.0 newton per sq mm (table moulded) with cement mortar 1:4 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification No. KBS 6.	Sqm	23.70	8427.00	Rupees Eight Thousand Four Hundred Twenty Seven Only

Signature of the contractor

Executive Engineer

Sl.No	Description of work	Unit	Qty	Rate (Rs.)	In Words (Rs.)
1	2	3	4	5	6
33	Providing and constructing burnt brick masonry with approved quality of modular bricks of standard size of class designation 5.0 newton per sq mm (table moulded) with cement mortar 1:4 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification No. KBS 6.- Ground Floor	Sqm	41.60	8489.00	Rupees Eight Thousand Four Hundred Eighty Nine Only
34	Providing and constructing burnt brick masonry with approved quality of modular bricks of standard size of class designation 5.0 newton per sq mm (table moulded) with cement mortar 1:4 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification No. KBS 6.- First Floor	Sqm	14.00	8551.00	Rupees Eight Thousand Five Hundred Fifty One Only
35	Construction of partition wall 11.2 cms thick with non modular table moulded burnt bricks of class designation 5.0Newton per Sqmm with cement mortar 1:4 including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification No. KBS 6.2- KSRB 6-7.2 : - do - with bricks of class designation 5.0 Newton per sqm -Specification No. KBS 6.2 - Ground Floor	Sqm	32.00	1159.00	Rupees One Thousand One Hundred Fifty Nine Only
36	Construction of partition wall 11.2 cms thick with non modular table moulded burnt bricks of class designation 5.0Newton per Sqmm with cement mortar 1:4 including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification No. KBS 6.2- KSRB 6-7.2 : - do - with bricks of class designation 5.0 Newton per sqm -Specification No. KBS 6.2- First Floor	Sqm	12.00	1165.00	Rupees One Thousand One Hundred Sixty Five Only
37	KSRB 5-15 : Providing and constructing load bearing wall with cement concrete solid blocks having block density not less than 1800 kg/m3 having a min average compressive strength of 5.0 N/ mm2 conforming to I.S. 2185(part 1): 2005 & construct with C M 1: 4 as per IS 2572: 2005 including cost of materials, labour charges, scaffolding, curing complete as per specification. - solid concrete block size 400x200 x 200 mm - Ground Floor	Sqm	340.40	1164.00	Rupees One Thousand One Hundred Sixty Four Only
38	Providing & constructing non load bearing walls with solid concrete blocks of size 400x100x200 having block density not less than 1800 Kg /m3 having a min average compressive strength not less than 4.0 N/ mm2 confirming to I.S. : 2185 (part 1) 2005 & constructed with C M 1: 4 C M 1: 4 as per IS 2572: 2005 including cost of materials, labour charges, scaffolding, curing complete as per specification.- Ground Floor	Sqm	107.20	889.00	Rupees Eight Hundred Eighty Nine Only

M. Lakshmi N

Executive Engineer

Sl.No	Description of work	Unit	Qty	Rate (Rs.)	In Words (Rs.)
1	2	3	4	5	6
39	Providing 18mm thick cement plaster in single coat with cement mortor 1:3 to Brick masonary including rounding off corners wherver required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications Out Side walls-Ground Floor	Sqm	496.50	303.00	Rupees Three Hundred Three Only
40	Providing 18mm thick cement plaster in single coat with cement mortor 1:3 to Brick masonary including rounding off corners wherver required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications Out Side walls-First Floor	Sqm	166.50	315.00	Rupees Three Hundred Fifteen Only
41	Providing 18mm thick cement plaster in single coat with cement mortor 1:3 to Brick masonary including rounding off corners wherver required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications Out Side walls - Second Floor	Sqm	121.00	328.00	Rupees Three Hundred Twenty Eight Only
42	Providing 18mm thick cement plaster in single coat with cement mortor 1:4, to brick masonry including rounding off corners wherver required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(internal) - Ground Floor	Sqm	1300.60	305.00	Rupees Three Hundred Five Only
43	Providing 18mm thick cement plaster in single coat with cement mortor 1:4, to brick masonry including rounding off corners wherver required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(internal) -First Floor	Sqm	271.90	312.00	Rupees Three Hundred Twelve Only
44	Providing 12mm thick cement plaster in single coat with cement mortor 1:3, to ceiling including rounding off corners wherver required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications - Ground Floor	Sqm	372.80	271.00	Rupees Two Hundred Seventy One Only
45	Providing 12mm thick cement plaster in single coat with cement mortor 1:3, to ceiling including rounding off corners wherver required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications - First Floor	Sqm	150.00	277.00	Rupees Two Hundred Seventy Seven Only

Signature of the contractor

Executive Engineer
(Project)

Sl.No	Description of work	Unit	Qty	Rate (Rs.)	In Words (Rs.)
1	2	3	4	5	6
46	Providing 20mm thick cement plaster in single coat with cement mortor 1:3, to Stone masonary & concrete Surface including rounding off corners wherver required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Sqm	291.90	322.00	Rupees Three Hundred Twenty Two Only
47	Providing TEAK WOOD frames of doors, windows, clerestory windows, and other frames, wrought, framed or assembledincluding making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications	Sqm	0.35	230865.00	Rupees Two Lakh Thirty Thousand Eight Hundred Sixty Five Only
48	KSRB 9-2.3 : Providing White Sal wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications.	Sqm	1.18	79376.00	Rupees Seventy Nine Thousand Three Hundred Seventy Six Only
49	KSRB 9.5-1 : Providing and fixing in position fully panelled Teak wood shutters for doors, with styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawingand panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34	Sqm	5.80	10311.00	Rupees Ten Thousand Three Hundred Eleven Only
50	Providing and fixing flush door shutter made out of solid core black board type, well seasoned chemically treated hard wood battens and internal frame with minimum 45 mm wide wooden frame all-round do - 35mm thick One Side Teak & one side commercial - Ground Floor	Sqm	23.50	3810.00	Rupees Three Thousand Eight Hundred Ten Only
51	Providing and fixing flush door shutter made out of solid core black board type, well seasoned chemically treated hard wood battens and internal frame with minimum 45 mm wide wooden frame all-round do - 35mm thick One Side Teak & one side commercial - First Floor	Sqm	1.60	3814.00	Rupees Three Thousand Eight Hundred Fourteen Only
52	Providing and fixing of factorymade 30 mm P.V.Cdoor frame of size 50x47 mm with a wall thickness of 5 mm made out of extrued 5 mm rigid PVC foamsheet metered cut at cornwers & jointed 2 nos 150 mm long brackets of 15 x 15 mm MS Square tube, the entire door frame to be reinforced with 19 x 19 m square tube of 19 gauge. the door frame to be fixed to the wall using MS screws of 65 /80 mm size complete as per manufacturers specification& directions of Engineer in charge.	Sqm	96.90	484.00	Rupees Four Hundred Eighty Four Only

Signature of the contractor

Executive Engineer
(Project)

Sl.No.	Description of work	Unit	Qty	Rate (Rs.)	In Words (Rs.)
1	2	3	4	5	6
53	Providing & fixing 30mm thick factory made rigid foam Panelled Door Shutters made from M.S. tube of 19 gauge thickness, size 19 x 19mm for styles and 15 x 15mm for top and bottom rails, covered with heat moulded PVC channel of 5mm thick sheet & 30 x 50mm wide to form styles & 5mm thick & 75mm wide PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet fitted in the M.S. Frame, Sealed to the styles & rails with 5 x 30mm PVC sheet beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75 mm Aluminium hinges.- Ground Floor	Sqm	23.70	3974.00	Rupees Three Thousand Nine Hundred Seventy Four Only
54	Providing & fixing 30mm thick factory made rigid foam Panelled Door Shutters made from M.S. tube of 19 gauge thickness, size 19 x 19mm for styles and 15 x 15mm for top and bottom rails, covered with heat moulded PVC channel of 5mm thick sheet & 30 x 50mm wide to form styles & 5mm thick & 75mm wide PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet fitted in the M.S. Frame, Sealed to the styles & rails with 5 x 30mm PVC sheet beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75 mm Aluminium hinges.- First Floor.	Sqm	3.20	3977.00	Rupees Three Thousand Nine Hundred Seventy Seven Only
55	KSRB 7.11 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar. using aluminium section anodized to 12 - 15 microns -	Rmtr	13.00	5080.00	Rupees Five Thousand Eighty Only

Executive Engineer

Sl.No	Description of work	Unit	Qty	Rate (Rs.)	In Words (Rs.)
1	2	3	4	5	6
56	Providing & fixing of glazed 2 Track-2 Panel Sliding Windows made out of multi Chamered uPVC sections with TPV(Thermo Plastic Vinyl) gaskets having Isolated drainage and reinforced with Galvanized iron profiles through out the window. The outer frame having a overall size of 60x45 mm with reinforcement of 1 mm thickness and sash with overall size of 39x58 mm with reinforcement of 1.5mm thickness. Glazing bead for fixing of glass shall be of size 20x18mm and coextruded with gasket. Windows shall be provided with 5mm plain float glass, standard hardware & single point locking system of flush lock, Wall thickness of frame & sash shall be 2-2.2 mm.	Rmtr	15.10	7947.00	Rupees Seven Thousand Nine Hundred Forty Seven Only
57	Providing & of Fixed Louvered Ventilator made out of multi chambered uPVC sections with TPv gaskets having isolated drainage and reinforced with Galvanized Iron profiles through out the windown. The outer frame having a overall size of 60x55mm with reinforcement of 1 mm thickness and Mullion with overall size of 74x60mm with reinforcement of 1 mm thickness. Ventilator shall be provided with 4.5 mm Pin Head glass, standard hardware, Wall thickness of frame Mullion shall be 2-2.2 mm	Rmtr	4.68	7699.00	Rupees Seven Thousand Six Hundred Ninety Nine Only
58	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Specification No. KBS 7.12- Ground Floor	Rmtr	519.20	97.00	Rupees Ninety Seven Only
59	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Specification No. KBS 7.12- First Floor	Sqm	168.00	103.00	Rupees One Hundred Three Only

Sl.No	Description of work	Unit	Qty	Rate (Rs.)	In Words (Rs.)
2		3	4	5	6
60	KSRB 9-27.1 : Fixing of door frame in an existing opening including embeeding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour charges, complete as per specifications.- Ground Floor	MT	2.00	1309.00	Rupees One Thousand Three Hundred Nine Only
61	KSRB 9-27.1 : Fixing of door frame in an existing opening including embeeding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour charges, complete as per specifications.	MT	3.00	1313.00	Rupees One Thousand Three Hundred Thirteen Only
62	Fixtures-Providing and fixing fixtures for Door incluidng screws etc., complete as per specification and as per the directions by the Engineer in charge-Chromium plated Brass butt hinges (heavy) type 75x65x4 mm weighing not less than 200gms -Main Doors, -1.5x 2.4m upto 2.4x 2.4m size	MT	12.00	115.00	Rupees One Hundred Fifteen Only
63	Chromium plated Brass handles 125 mm with plate 175 x32 mm	MT	10.00	201.00	Rupees Two Hundred One Only
64	Chromium plated Brass mortice latch and lock 100x65 mm with 6 levers and a pair of brass lever handles	MT	3.00	569.00	Rupees Five Hundred Sixty Nine Only
65	Brass tower bolt (barrel type) 250x10 mm	Cum	5.00	287.00	Rupees Two Hundred Eighty Seven Only
66	Brass tower bolt (barrel type) 150x10 mm	Cum	5.00	172.00	Rupees One Hundred Seventy Two Only
67	Brass 150 mm floor door stopper weighing not less than 0.357kg	Cum	3.00	195.00	Rupees One Hundred Ninety Five Only
68	Chromium plated Brass screws 20 mm	Cum	50.00	2.00	Rupees Two Only
69	Hydraulic door clouser - aluminium body	Cum	2.00	1518.00	Rupees One Thousand Five Hundred Eighteen Only

Executive Engineer

Sl.No	Description of work	Unit	Qty	Rate (Rs.)	In Words (Rs.)
1	2	3	4	5	6
70	Providing and fixing Vitrified glazed tiles of approved make, quality & colour of size 600 x 600 x 10mm thick fixed on bed of 12mm thick cement mortar for flooring, skirting and jointed with neat cement slurry mixed with pigment to mach shade of tiles, including providing spacers at required interval and removing stains, including cost of all mateirals, mortar, labour, etc., Complete as per specification.	Cum	251.25	1381.00	Rupees One Thousand Three Hundred Eighty One Only
71	Providing and fixing granite flooring in combination of 19mm thick (Avg) gang saw water cut LAKARED granite with 86% and with 14% of 19mm thicl (avg) Black granite in CM 1:4 proportion with a coat of rough plastering using CM 1:4, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, grooves in joints including cost of curing etc., complete including cost and conveyance of all materials, mortar, labour for all items of work, HOM of equipment etc., complete as per specification	Sqm	120.50	4624.00	Rupees Four Thousand Six Hundred Twenty Four Only
72	Providing and fixing of wall cladding using 20mm thick gang saw water cut Shiva gold granite, grey granite in CM 1:3 proportion cut to required shape, pattern with paper joints, finished with cement mortal using white cement and colour pigments to match the colour of slab making through jointing with sealant, making holes 25mmx12mm grooves in joints including cost of all materials, mortar, labour, curing etc., complete as per specification.	Sqm	22.90	4382.00	Rupees Four Thousand Three Hundred Eighty Two Only
73	Providing ceramic tiles of approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick cement mortor 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. size 30x30cms - Ground Floor	Sqm	82.00	1461.00	Rupees One Thousand Four Hundred Sixty One Only
74	Providing ceramic tiles of approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick cement mortor 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. size 30x30cms - First Floor	Sqm	14.00	1462.00	Rupees One Thousand Four Hundred Sixty Two Only

Signature of the contractor

Executive Engineer
(Project)

Sl. No.	Description of work	Unit	Qty	Rate (Rs.)	In Words (Rs.)
2		3	4	5	6
75	KSRB 14-17.2: Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications.- Colour glazed tiles 15◆15cms 6mm thick with border of size 15◆15x6cms- Ground Floor	Sqm	160.00	1390.00	Rupees One Thousand Three Hundred Ninety Only
76	KSRB 14-17.2: Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications.- Colour glazed tiles 15◆15cms 6mm thick with border of size 15◆15x6cms- First Floor	Sqm	86.60	1391.00	Rupees One Thousand Three Hundred Ninety One Only
77	Providing and fixing for flooring 40mm thick sadarhalli grey flammed granite slab for bath areas in Bathrooms over a bed of 25mm thick CM 1:6 and fixing granite slab with CM 1:3.	Sqm	232.50	2348.00	Rupees Two Thousand Three Hundred Forty Eight Only
78	Providing and laying pattern flooring for staircase treads and risers using the combiantion of 20mm thick ruby red granite @ 66%,20 mm thick grey granite @ 20%, 20mm thick Shiva gold granite 7%, 20mm thick black granite 7%. The granite meterials are laid on existing bed of CM 1:3 20mm thick pointed with colour pigment, including full rounding for nosing, flaming the ruby red granite for 50 mm wide curing etc., complete	Sqm	39.00	7108.00	Rupees Seven Thousand One Hundred Eight Only
79	KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete asper specifications. - do- with primer- INSIDE-Ground floor	Sqm	848.10	112.00	Rupees One Hundred Twelve Only

Sl.No	Description of work	Unit	Qty	Rate (Rs.)	In Words (Rs.
1	2	3	4	5	6
80	KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete asper specifications. - do- with primer- INSIDE-First floor	Sqm	180.00	115.00	Rupees One Hundred Fifteen Only
81	KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete asper specifications. - do- with primer. Extra over Item 15-15.1 for painting two coats with plastic emulsion paint of approved brand and shade on ceiling and / or sloping roof as per specifications.INSIDE CEILING.	Sqm	453.70	117.00	Rupees One Hundred Seventeen Only
82	KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete asper specifications. - do- with primer. Extra over Item 15-15.1 for painting two coats with plastic emulsion paint of approved brand and shade on ceiling and / or sloping roof as per specifications.INSIDE CEILING.	Sqm	150.00	120.00	Rupees One Hundred Twenty Only
83	Providing & applying Two coats of wall putty to inside plasterd walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of materials , cost of labour and scafolding etc complete as per specifications	Sqm	1305.50	70.00	Rupees Seventy Only
84	Providing & finishing external walls in two coats over one coat of 100 % acrylic silcon glazed primer with Antifungal paint for top coat of Approved brand and shade to give an even shade after thourghly brooming the surfacfe to remove all dirt and loose powdered material, free from morter drops and and other foreign matter , cost of materails , labour, complete as per specifications- Ground Floor	Sqm	975.90	188.00	Rupees One Hundred Eighty Eight Only

Signature of the contractor

Executive Engineer
(Project)

Sl. No.	Description of work	Unit	Qty	Rate (Rs.)	In Words (Rs.)
2		3	4	5	6
85	Providing & finishing external walls in two coats over one coat of 100 % acrylic silcon glazed primer with Antifungal paint for top coat of Approved brand and shade to give an even shade after thourghly brooming the surfacfe to remove all dirt and loose powdered material, free from morter drops and and other foreign matter , cost of materails , labour, complete as per specifications - First Floor	Sqm	180.00	191.00	Rupees One Hundred Ninety One Only
86	Providing & finishing external walls in two coats over one coat of 100 % acrylic silcon glazed primer with Antifungal paint for top coat of Approved brand and shade to give an even shade after thourghly brooming the surfacfe to remove all dirt and loose powdered material, free from morter drops and and other foreign matter , cost of materails , labour, complete as per specifications- Terrzce Floor	Sqm	121.00	195.00	Rupees One Hundred Ninety Five Only
87	Providing Melamine polishing of approved shade including removing and refixing of doors shutters scraping with blade and rubbing with zero size sand paper and applying sealer coat by way of spraying with necessary compressor and applying patty after rubbing with steel wool including two coats of approved shade of Melamine polish etc., complete.	Sqm	14.50	895.00	Rupees Eight Hundred Ninety Five Only
88	KSRB 15-17.4 : Applying priming coat over new wood surface and / or wood based surface, after brushing with ready mix enamel priming paint including preparing the surface after thoroughly cleaning oil, grease, dirt and foreign matter, sand papering and knotting ready mix paint including cost of materials, labour, complete as per specificationsProviding and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications	Sqm	11.20	155.00	Rupees One Hundred Fifty Five Only
89	Waterproofing of RCC Terrace / podium slab / toilet / utilities / water retaining structure by preparing the surface by chipping and cleaning and Grouting of Honey comb, voids,cracks / construction joints with cement slurry (1kg cement added in 10 ltr of water) added with 100gm of inorganic accelerator, followed by spraying of liquid biological modified alkaline earth silicates @ 0.40 ltr per sqm on whole surface to reduce the micro porosity and allowing it to dry, curing the surface for the silicates to penetrate deeper into the concrete and spraying waterproofing impregnate liquid containing silane and silanol linear copolymer @ 0.50 ltr per sqm and finally applying polymer slurry made out of cross linked acrylic / styrene / butadiene & cement in the ratio of 1:0.1, @0.50kg/sqm on the whole surface, including all labour charges tools and equipments, all complete as per the specification	Sqm	190.00	733.00	Rupees Seven Hundred Thirty Three Only

Signature of the contractor

Executive Engineer

Sl.No	Description of work	Unit	Qty	Rate (Rs.)	In Words (Rs.)
1	2	3	4	5	6
90	Providing and fixing Stainless steel 304 Grade for staircase railing, Balconys Ramps with hand rails 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges etc., complete as per specification	Sqm	57.90	7633.00	Rupees Seven Thousand Six Hundred Thirty Three Only
91	KSRB 8.7-1 :Providing and fixing in position 12mm thick plaster of paris (Gypsum anhydrous) for ceiling reinforced with hessian cloth flat surface upto a height of 5 m above floor level over aluminium 25mm / 6mm with 10mm gap in between and reinforced with rabbit wire mesh fixed to metal frames including cost of materials, labour, curing complete as per specifications.	Sqm	95.00	1233.00	Rupees One Thousand Two Hundred Thirty Three Only
92	Providing and fixing M.S. Grill over existing compound wall as per using 16mm x 16mm M.S. Square rod at 150mm c/c spacing and 6mm x 40mm M.S. flats at horizontal and 6mm x12mm M.S. flat for ornamental design and providing shop edge design at the vertex of every vertical rods, including welding, grinding wherever necessary. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification	Sqm	1039.50	6483.00	Rupees Six Thousand Four Hundred Eighty Three Only
93	Providing and fixing in position collapsible steel shutters with single or double leaf with vertical channel 20mmx10mmx2mm braced with flat iron diagonals 20mmx5mm size, with top and bottom rails of T iron sections of 40x40x6 mm with 38mm dia steel pulleys complete with bolt and nuts, locking arrangements, stoppers, handles on both sides with 7.5cms openings at 10 cms. c to c applying a priming coat of red lead paint. cost of materials, labour, HOM of machinery complete as per specifications	Sqm	13.70	5008.00	Rupees Five Thousand Eight Only

Executive Engineer